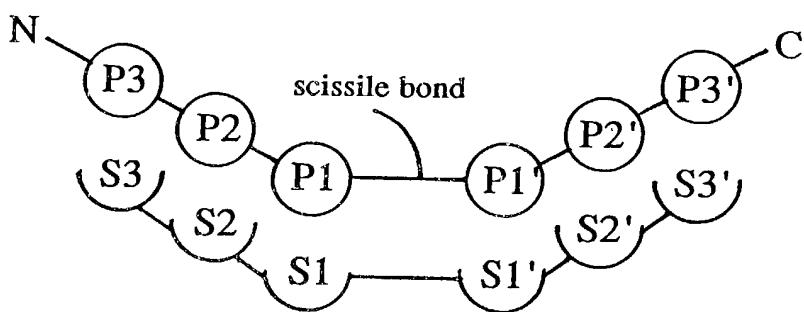




Title: **Tryptase Substrates and Assay for Tryptase Activity Using Same**  
Applicant: NILES et al.  
Serial No: 09/955,639  
Art Docket No.: 34506.115

## THE SHECTER & BERGER NOMENCLATURE

Substrate  
Enzyme



**Fig. 1**

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Human  $\beta$ -I Tryptase  
P1-Diverse Library Ac-X4-ACC

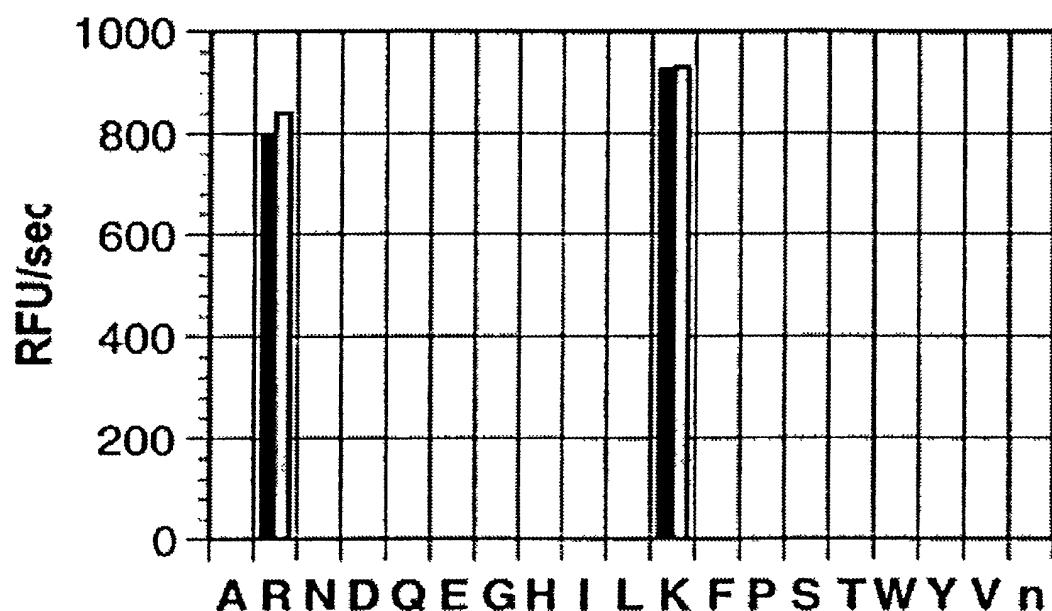
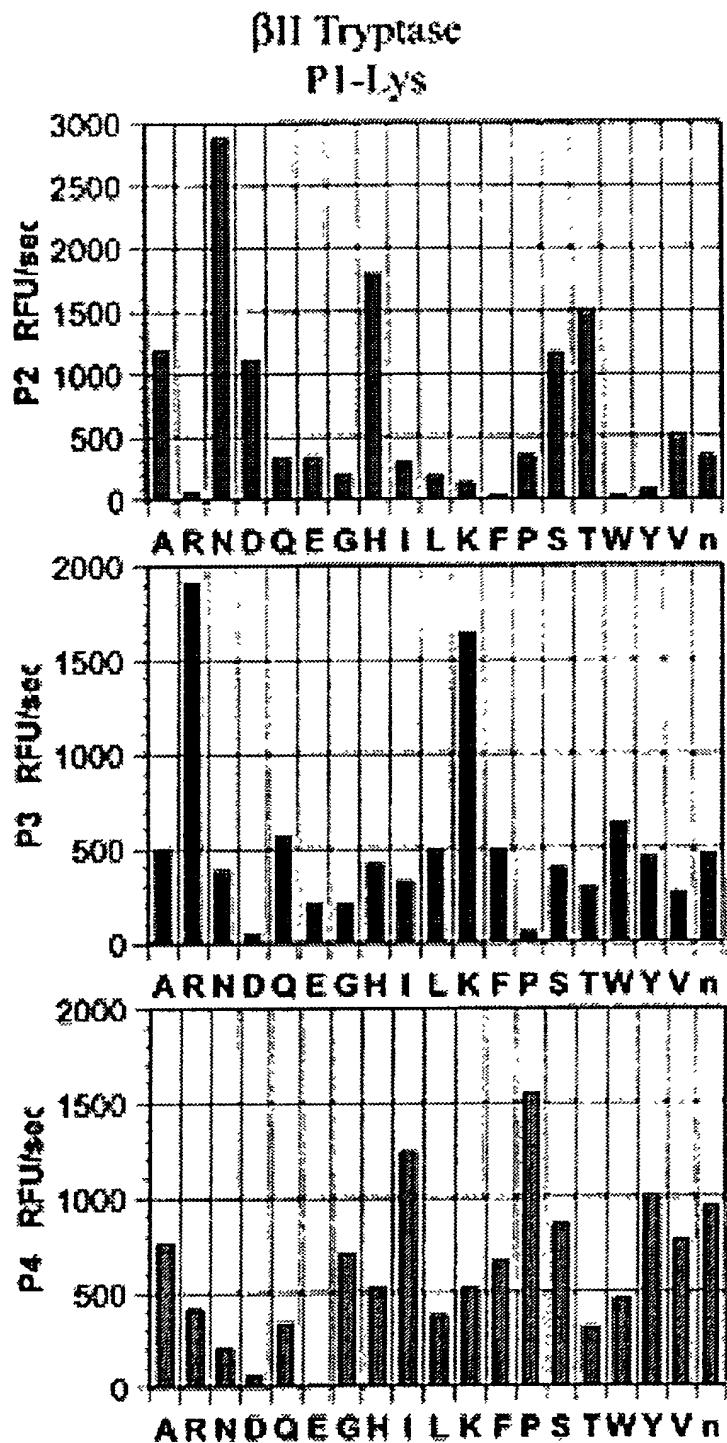
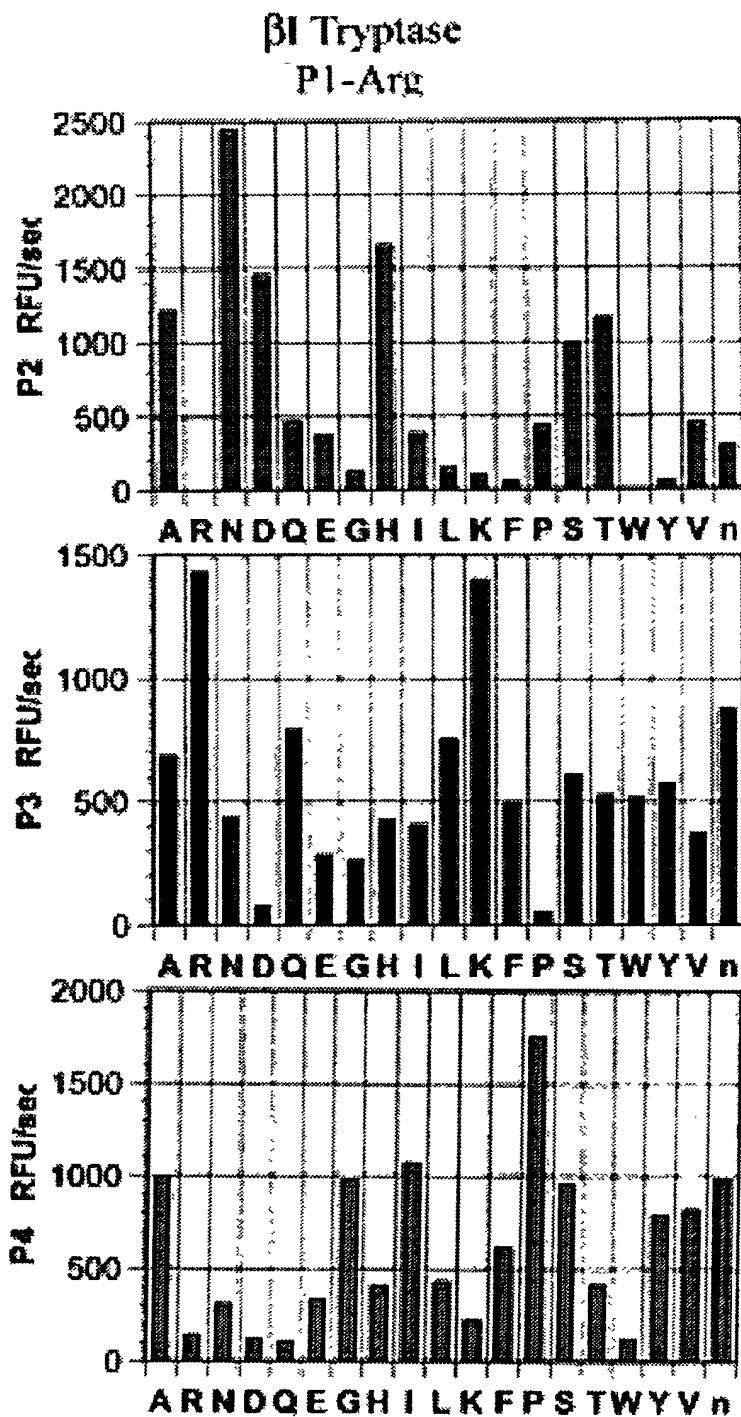


Fig. 2

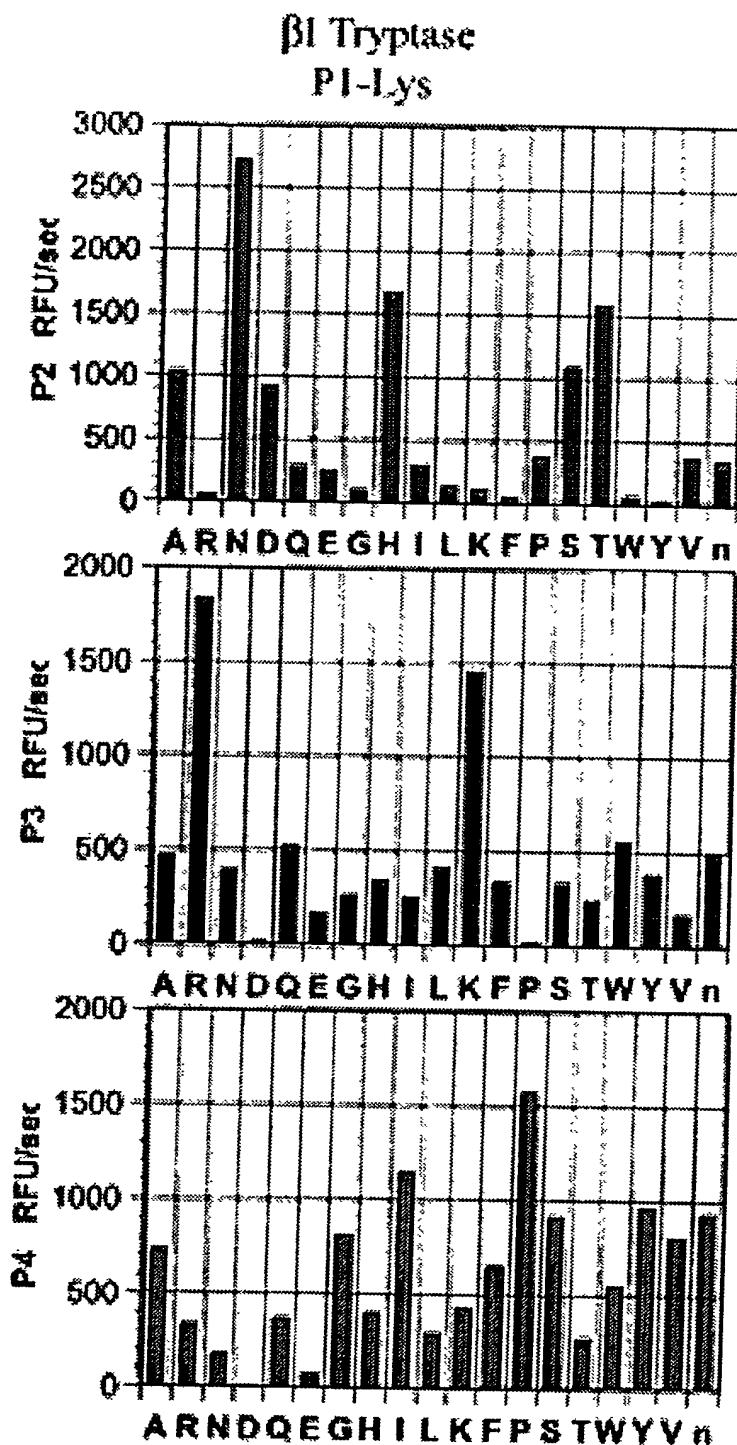


**Fig. 3a**

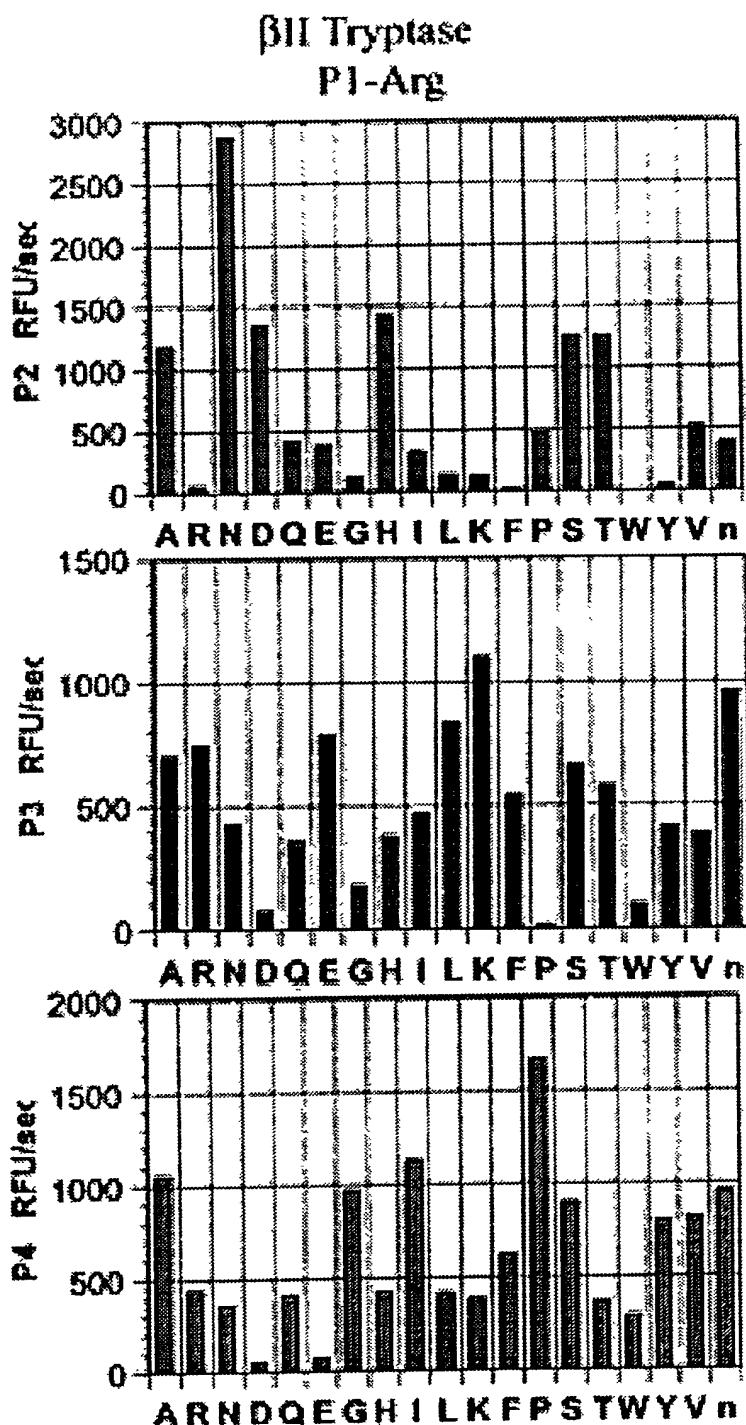


**Fig. 3b**

Title Tryptase Substrates and Assay for Tryptase Activity Using Same  
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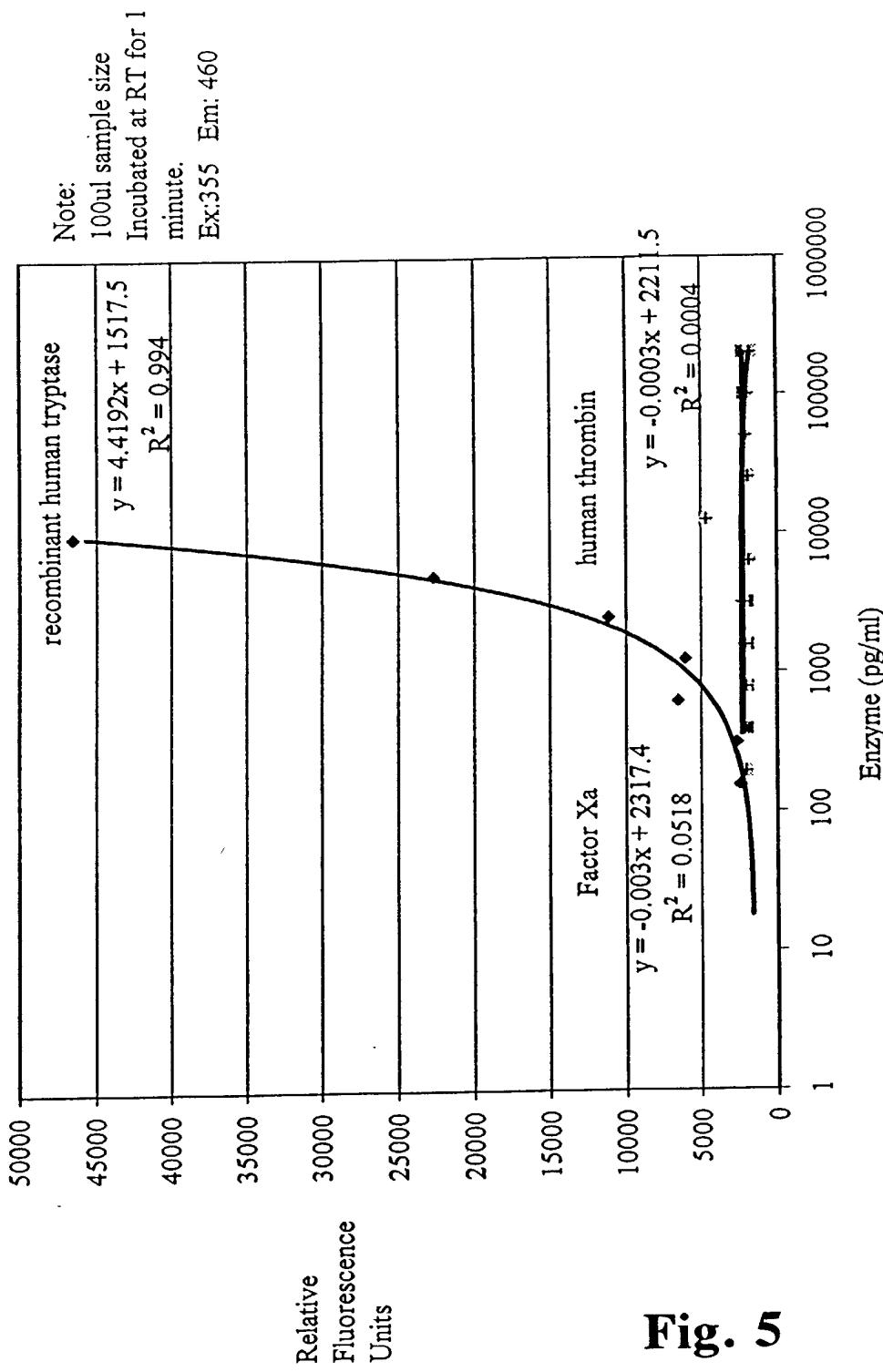
**Fig. 4a**



**Fig. 4b**

Title      **Tryptase Substrates and Assay for Tryptase Activity Using Same**  
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**Ac-PRNK-ACC as an Optimized Tryptase Substrate  
(Tryptase v. Factor Xa v. Human thrombin)**



**Fig. 5**

Title      Tryptase Substrates and Assay for  
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Fluorometric Tryptase Activity Assay Using Ac-PRNK-ACC in Spiked Assay Buffer

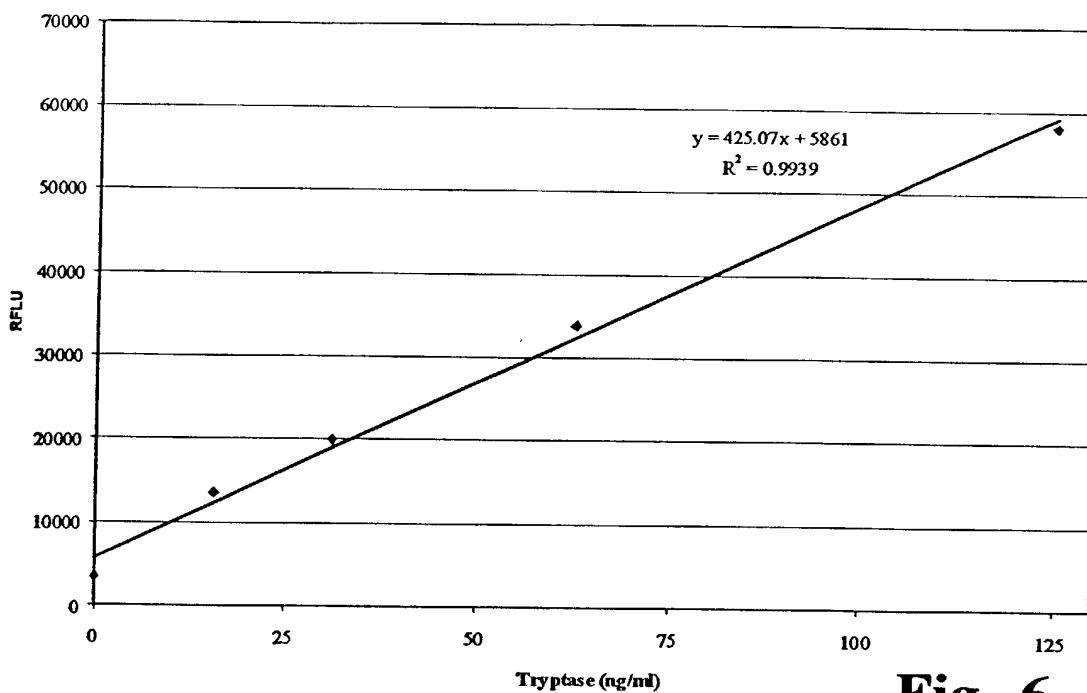


Fig. 6

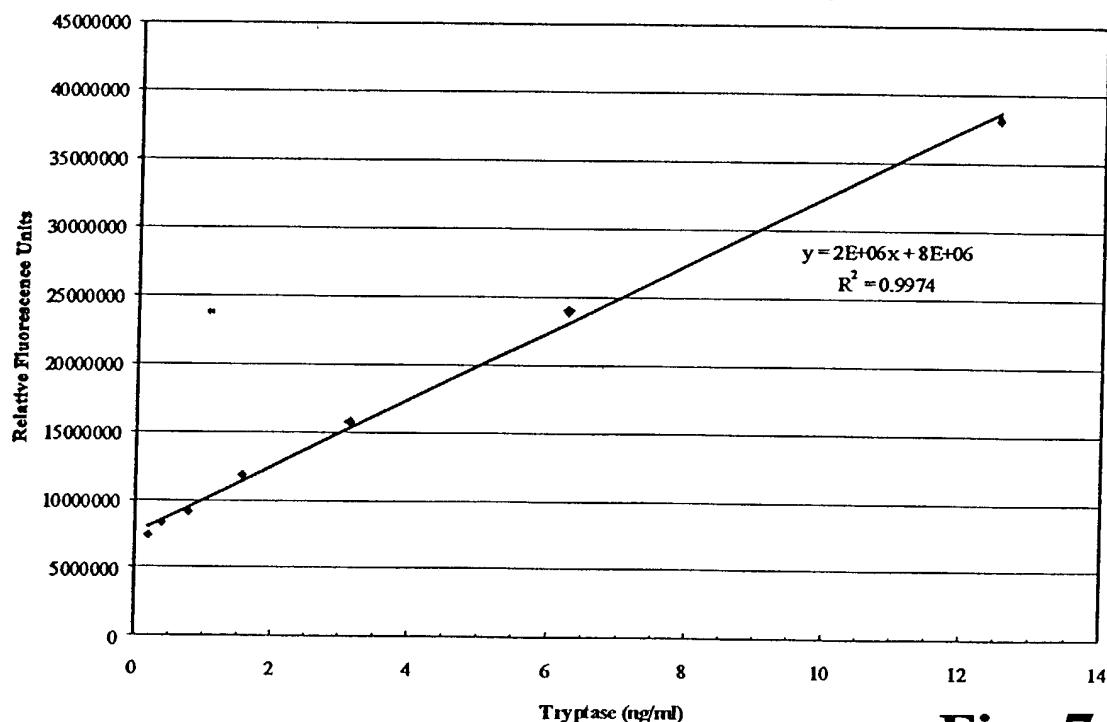


Fig. 7

Title      Tryptase Substrates and Assay for  
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Serial No: 09/955,639  
Atty. Docket No.: 34506.115

Use of Ac-PRNK-ACCC as a Fluorometric Tryptase Substrate

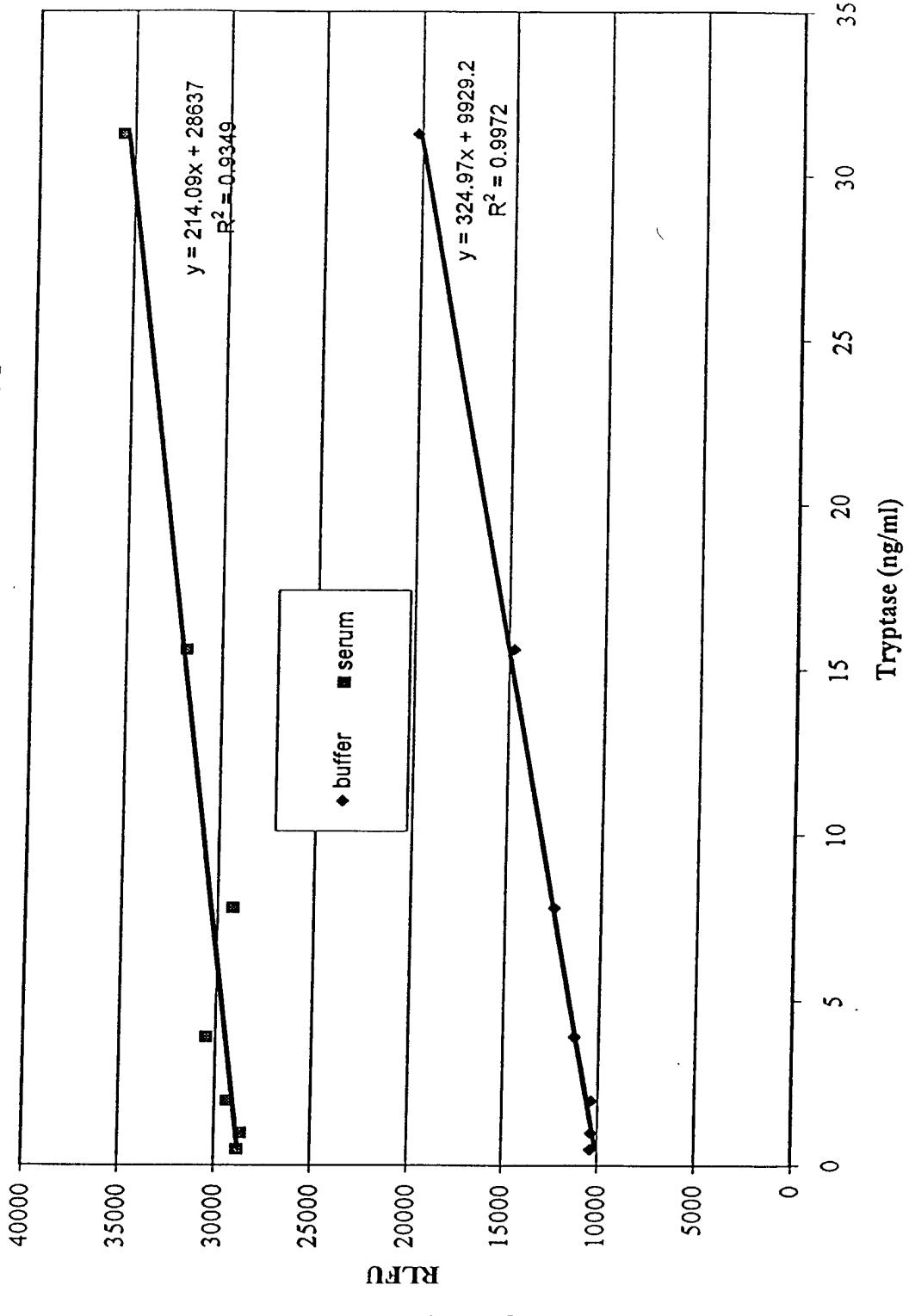


Fig. 8

Title      Tryptase Substrates and Assay for  
Tryptase Activity Using Same  
Applicant: NILES et al.  
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Atty. Docket No.: 34506.115

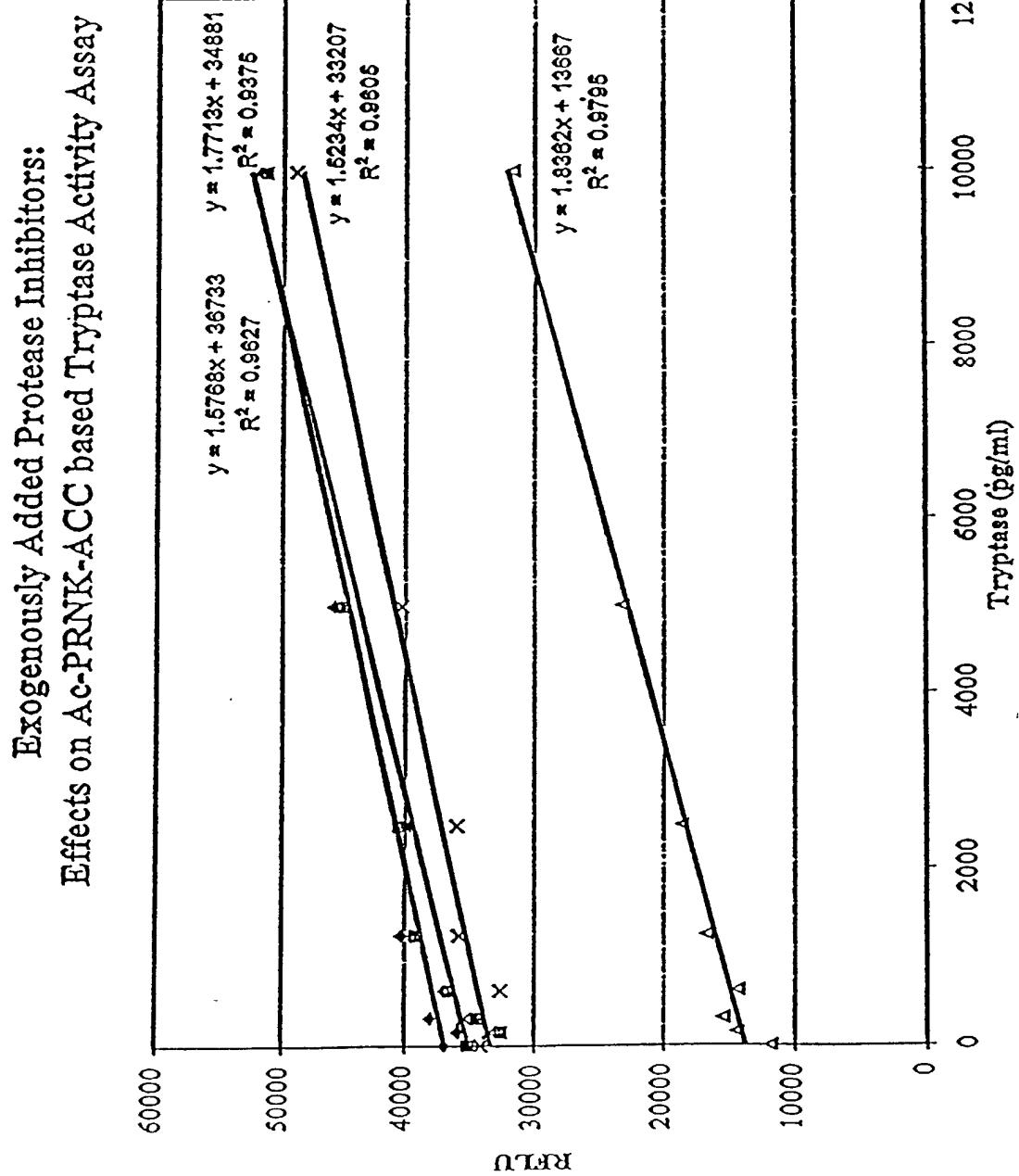


Fig. 9

Title Tryptase Substrates and Assay  
Tryptase Activity Using Same

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Atty. Docket No.: 34506.115

Aprotinin Treated, Tryptase Standard Curves  
(Serum v. Buffer)

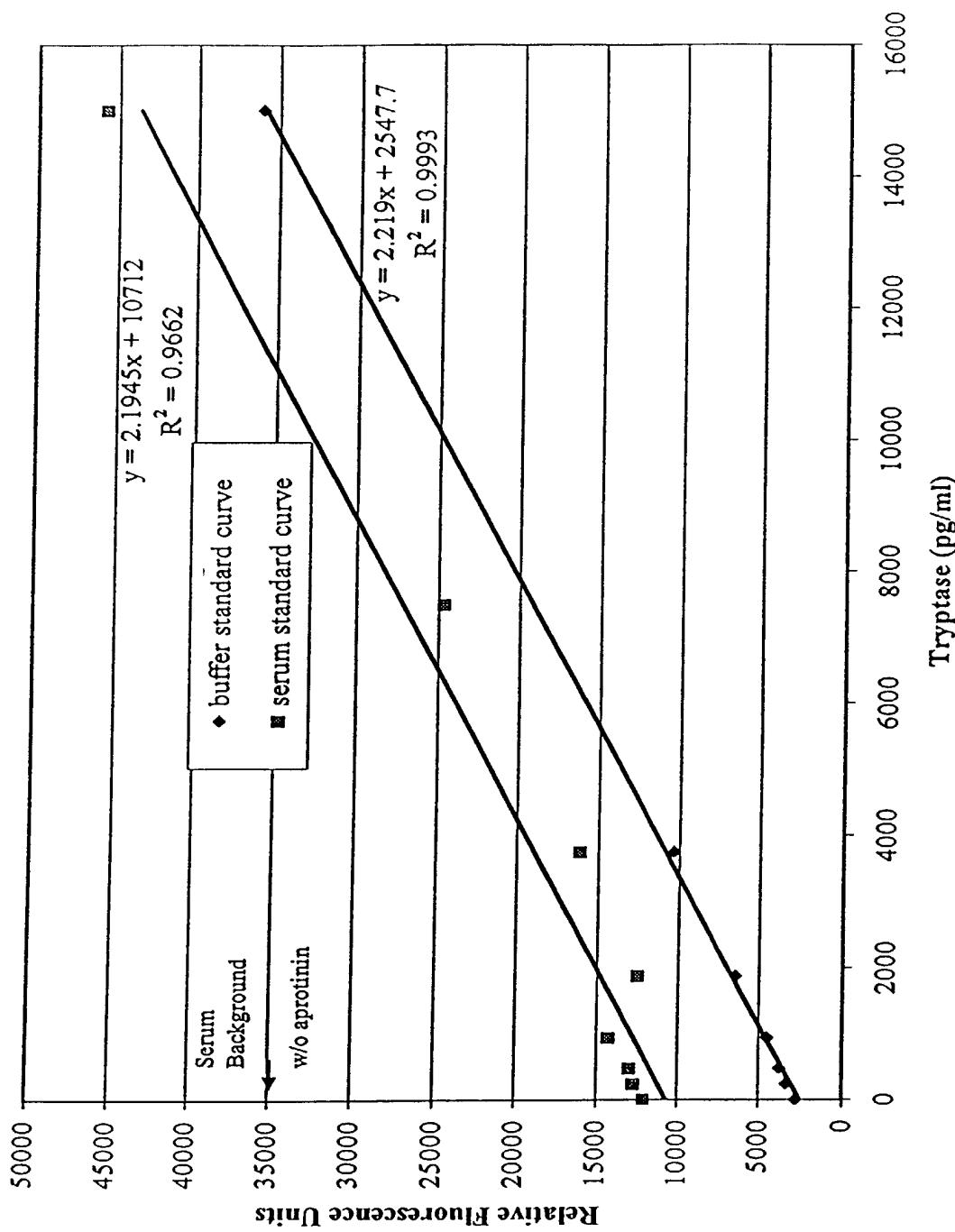


Fig. 10

Title      Tryptase Substrates and Assay for  
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Tryptase Quantitation in Urine  
(Aprotinin Treated v. Uninhibited Samples)

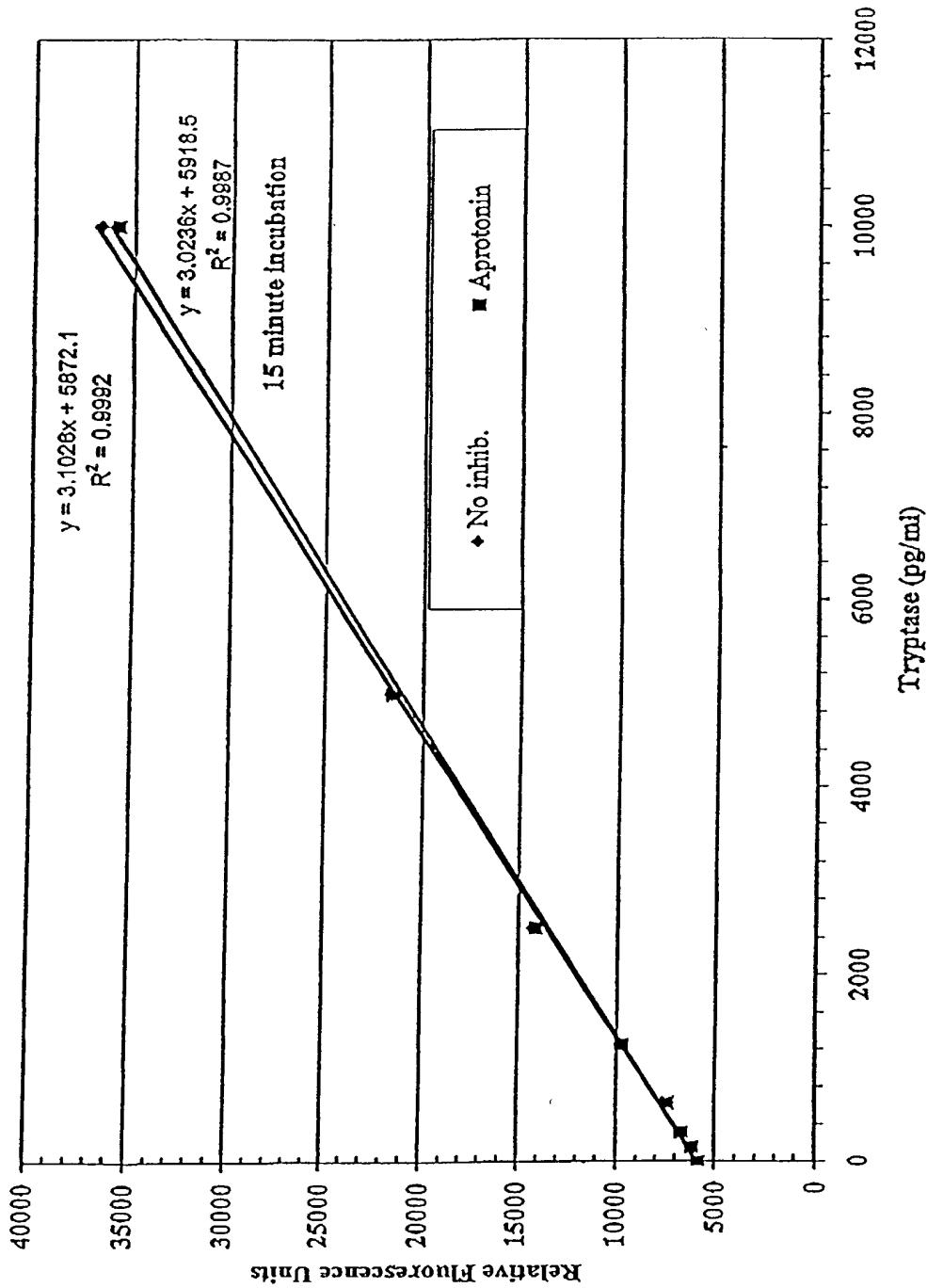
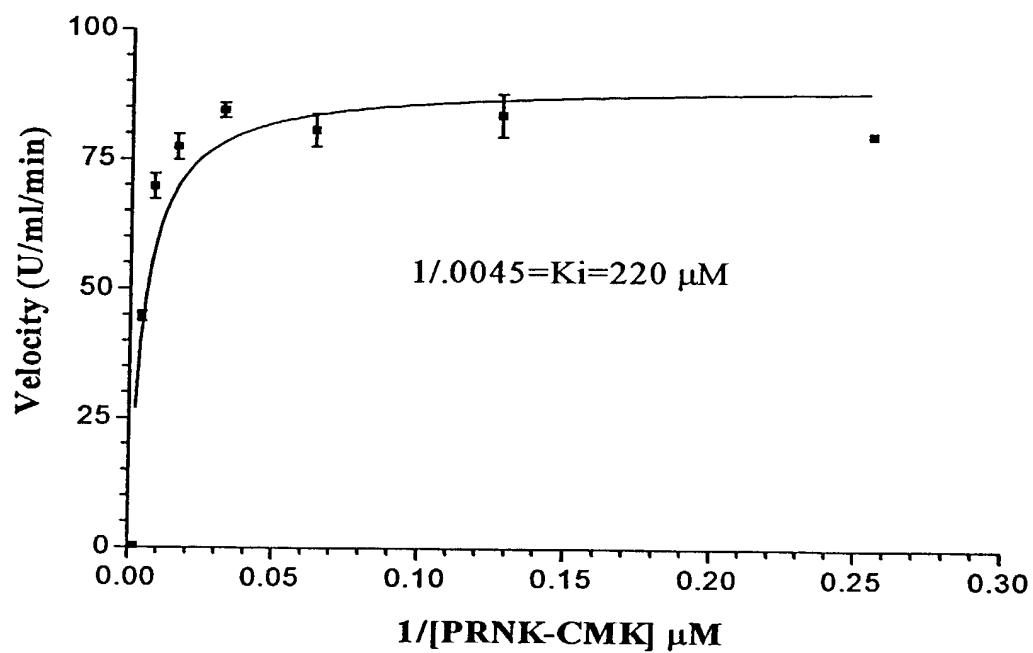


Fig. 11

Title      Tryptase Substrates and Assay for  
Tryptase Activity Using Same  
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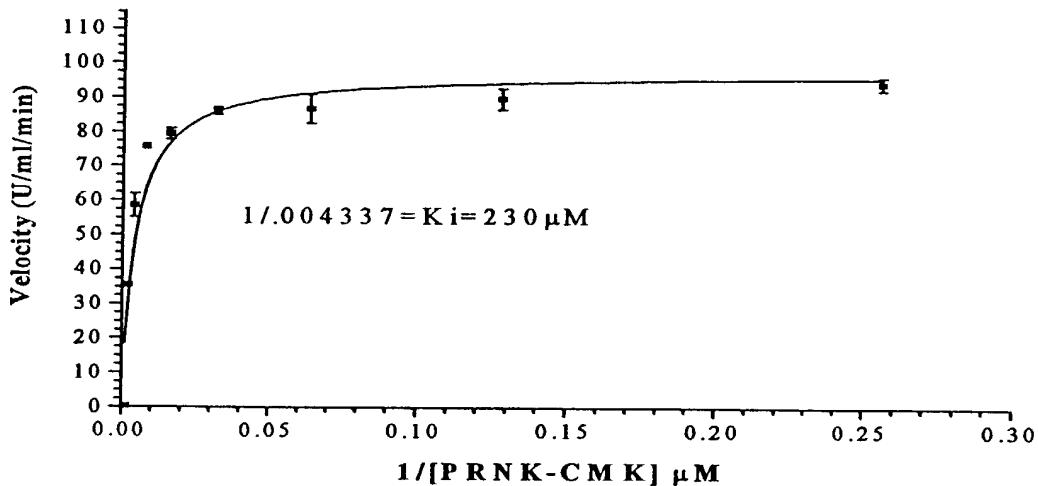
**Enzymatic Inhibition of  
r h skin I $\beta$  tryptase**



**Fig. 12**

Title      Tryptase Substrates and Assay for Tryptase Activity Using Same  
Applicant: NILES et al.  
Serial No: 09/955,639  
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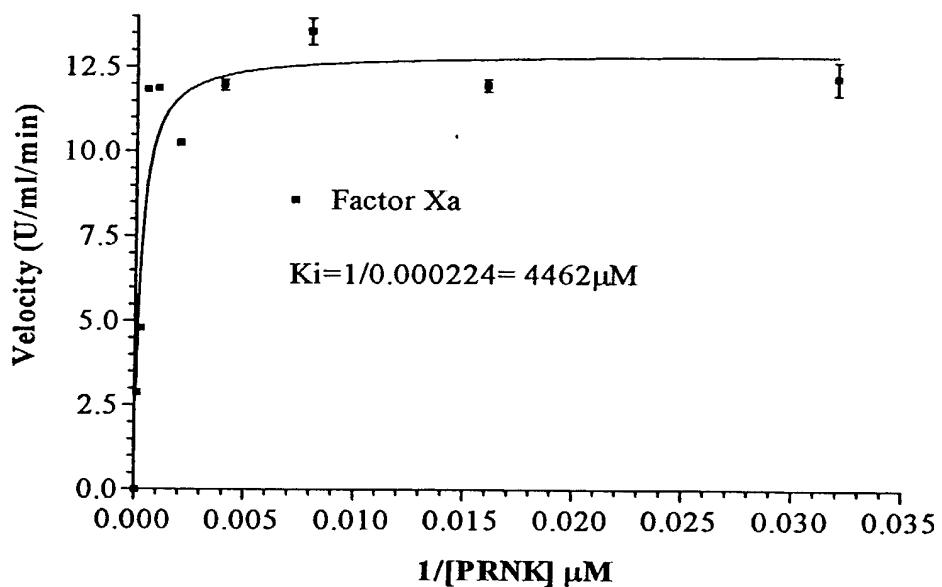
**Enzymatic Inhibition of r hu lung  $\beta$  tryptase  
by PRNK-CMK**



**Fig. 13**

Title      Tryptase Substrates and Assay for Tryptase Activity Using Same  
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### Enzymatic Inhibition of Factor Xa by PRNK-CMK



**Fig. 14**